

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 656 877 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
31.05.2006 Bulletin 2006/22

(51) Int Cl.:
A47L 15/48 (2006.01)

(43) Date of publication A2:
17.05.2006 Bulletin 2006/20

(21) Application number: **05109799.6**

(22) Date of filing: **20.10.2005**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR**
Designated Extension States:
AL BA HR MK YU

(30) Priority: **05.11.2004 KR 2004089961**

(71) Applicant: **Samsung Electronics Co., Ltd.
Suwon-si, Gyeonggi-Do (KR)**

(72) Inventors:
• **Lee, Yoon-sook
304-990-21 Yeongtong-dong
Gyeonggi-do (KR)**
• **Park, Jae-ryong
401-1603 Cheongmyoung-maeul Apt.
Suwon-si
Gyeonggi-do (KR)**

- **Kim, Hyung-gyoon
108-203 Ssangyong Apt.
Suwon-si
Gyeonggi-do (KR)**
- **Yang, Byoung-yull
905-1103 Jugong Apt.
Ansan-si
Gyeonggi-do (KR)**
- **Pyo, Sang-yeon
152-1303 Jogong Apt.
Suwon-si
Gyeonggi-do (KR)**

(74) Representative: **Grey, Ian Michael et al
Venner Shipley LLP
20 Little Britain
London EC1A 7DH (GB)**

(54) **Dishwasher**

(57) A dishwasher (1) includes a main body (10) provided with a wash tub (13) for washing dishes and a drying apparatus (30) having a drying duct (31) provided with a connecting part (33) communicating with the wash tub (13) to draw in high temperature and high humidity air

from the wash tub (13). A cold water tank (41) contacts the drying duct (31) to condense the high temperature and humidity air drawn into the drying duct (31).

EP 1 656 877 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 05 10 9799

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 0 753 282 A (TECNOPLASTICA PREALPINA S.P.A; T & P - S.P.A) 15 January 1997 (1997-01-15) * the whole document *	1-7, 10-13	A47L15/48
X	DE 35 38 305 A1 (BOSCH-SIEMENS HAUSGERAETE GMBH; BOSCH-SIEMENS HAUSGERAETE GMBH, 81669) 30 April 1987 (1987-04-30) * the whole document *	6-9	
X	WO 01/85003 A (DIEHL AKO STIFTUNG & CO. KG; SCHMID, BERTRAM) 15 November 2001 (2001-11-15) * the whole document *	6,10,12	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47L
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 20 March 2006	Examiner Ureta, R
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

3
EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 10 9799

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-03-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0753282	A	15-01-1997	DE 69601055 D1	14-01-1999
			DE 69601055 T2	05-08-1999
			IT MI951532 A1	14-01-1997

DE 3538305	A1	30-04-1987	FR 2589056 A1	30-04-1987

WO 0185003	A	15-11-2001	AT 272351 T	15-08-2004
			DE 10023346 A1	15-11-2001
			EP 1284627 A2	26-02-2003
			ES 2225535 T3	16-03-2005
			PL 361313 A1	04-10-2004
			US 2003140517 A1	31-07-2003
